

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A computerized file management system for use with an existing file system, that includes a volume, and for managing multiple versions of electronic files on the volume, the file management system comprising:

a volume manager configured to manage the electronic files and to manage metadata relating to the electronic files, the volume manager being transactionally based and configured to manage transactions related to a selected file of the electronic files and to keep a record of changes that includes information indicative of i) what changes were made to the selected file, ii) who made the changes to the selected file, and iii) when the changes were made to the selected file;

a coherency manager module configured to facilitate consistency among multiple copies of the selected file; and

a version control module configured to automatically manage a version of the selected file through the file management system based on a user opening, changing, and saving the selected file;

wherein the record of changes relates to changes caused by [[a]] the user to at least one of the content of the selected file and the metadata related to the selected file.

2. (Previously presented) The system of claim 1, further comprising a user interface configured to enable a user to view, within the file management system, one or more versions of the selected file.

3. (Previously presented) The system of claim 1, wherein the opening, saving and changing of the selected file happens in a native application of the selected file.

4. (Canceled)

5. (Previously presented) The system of claim 1, wherein the system further comprises a show history feature.
6. (Previously presented) The system of claim 5, further comprising a view history feature configured to enable a user to view what used to be in a folder but was at least one of deleted and moved.
7. (Previously presented) The system of claim 5, wherein the user interface is configured to enable a user to open and explore what used to be in a folder but was at least one of deleted and moved and to at least one of Undelete and Bring Back changed content.
8. (Original) The system of claim 5, further comprising an Undo feature.
9. (Previously presented) The system of claim 8, wherein the Undo feature includes a dialog box in the user interface that brings up changes to at least one of the selected file and a folder, and an option to undo one or more changes to at least one of the selected file, the folder and a folder hierarchy.
10. (Previously presented) The system of claim 5, wherein the system is configured to provide an As of View.
11. (Previously presented) The system of claim 1, wherein at least one of the selected file and folders can be frozen by a user such that the user cannot modify the at least one of the selected file and the folders, and cannot modify tags associated with the frozen at least one of the selected file and folders.

12. (Previously presented) The system of claim 11, further comprising the use of hash codes to verify the integrity of frozen content.

13. (Previously presented) The system of claim 1, further comprising a version control feature, wherein the version control feature includes a Show Versions feature that displays all past versions of the selected file, frozen files and provides a make current option.

14. (Previously presented) The system of claim 1, further comprising a version control feature, wherein the version control feature includes a Snapshot feature that copies, freezes and associates with past versions, who made changes to the selected file, when changes were made to the selected file, and why changes were made to the selected file.

15. (Previously presented) The system of claim 1, wherein the version control module automatically manages copies of an electronic file through the file management system.

16. (Previously presented) The system of claim 15, wherein the copies include Smart Copies, Live Copies, and Deferred Copies.

17. (Currently amended) The system of claim 16, wherein the version control module is configured to manage the copies such that i) Live Copies of files A and B first and second files initially refer to the same underlying data, and changes in ~~one~~ the first file are reflected immediately in the second file ~~other~~; and ii) deleting ~~one of the files A and B~~ the first file has no effect on the second file. ~~an undeleted one of the files A and B.~~

18. (Previously presented) The system of claim 15, further comprising a plurality of

volumes wherein the copies can be on different volumes and managed via the coherency manager.

19. (Previously presented) The system of claim 17, wherein Live Copies of at least one of folders and the selected file are treated as one object with common metadata and version history regardless of location or number of copies.

20. (Currently amended) The system of claim ~~[[17]]~~ 16, wherein the version control module is configured to manage the copies such that i) Deferred Copies of the first and second files initially refer to the same underlying data in a single file location and ii) Files A and B are used when a “regular” copy is requested so that initially the volume manager knows the Files A and B refer to the same file and initially share the same data, but when one of the first file Files A and B is modified, the Volume Manager makes a copy of the underlying data such that the first file refers to data in a first file location and the second file refers to data in a second file location. and then each file has its own separate data.

21. (Previously presented) The system of claim 15, wherein the system only allocates new space for at least one of the selected file and a folder when a new/modified copy is needed.

22. (Original) The system of claim 15, wherein the copies share previous version history.

23. (Currently amended) The system of claim 15, wherein the version control module is configured such that a user can copy a past version of a first file ~~the file A~~ to a second

~~file new File C~~, and wherein the first and second files ~~Files A and C~~ will share the same version history up to the point where a copy was made.

24. (Original) The system of claim 1, wherein the system maintains and displays a hierarchy of versions, including modifications.

25. (Previously presented) The system of claim 1, wherein the system maintains and displays a hierarchy of copies.

26. (Previously presented) The system of claim 1, wherein a versions feature enables versions to be marked as special, enables versions to appear in folders as regular files, and icons in a user interface show which files are versions.

27. (Original) The system of claim 1, wherein a versions feature enables old versions to be displayed only upon request.

28. (Previously presented) The system of claim 1, wherein a versions feature enables new versions of the selected file to inherit metadata from previous versions of the selected file.

29. (Previously presented) The system of claim 1, wherein a versions feature enables at least one of i) the selected file to be frozen when versioned and ii) by a user when desired.

30. (Original) The system of claim 1, further comprising a repository folder that manages automatic file check-out and check-in.

31. (Previously presented) The system of claim 1, wherein the system automatically

renames an old version of a at least one of the selected file or a folder to prevent naming collisions.

32. (Previously presented) The system of claim 1, wherein the system maintains and displays a copy pedigree that is used to track copies and versions of the selected file.

33. (Previously presented) The system of claim 1 wherein the volume manager is configured such that the selected file is inhibited from leaving control of the system.

34. (Previously presented) The system of claim 1 wherein the volume manager is configured such that the selected file never leaves control of the system.